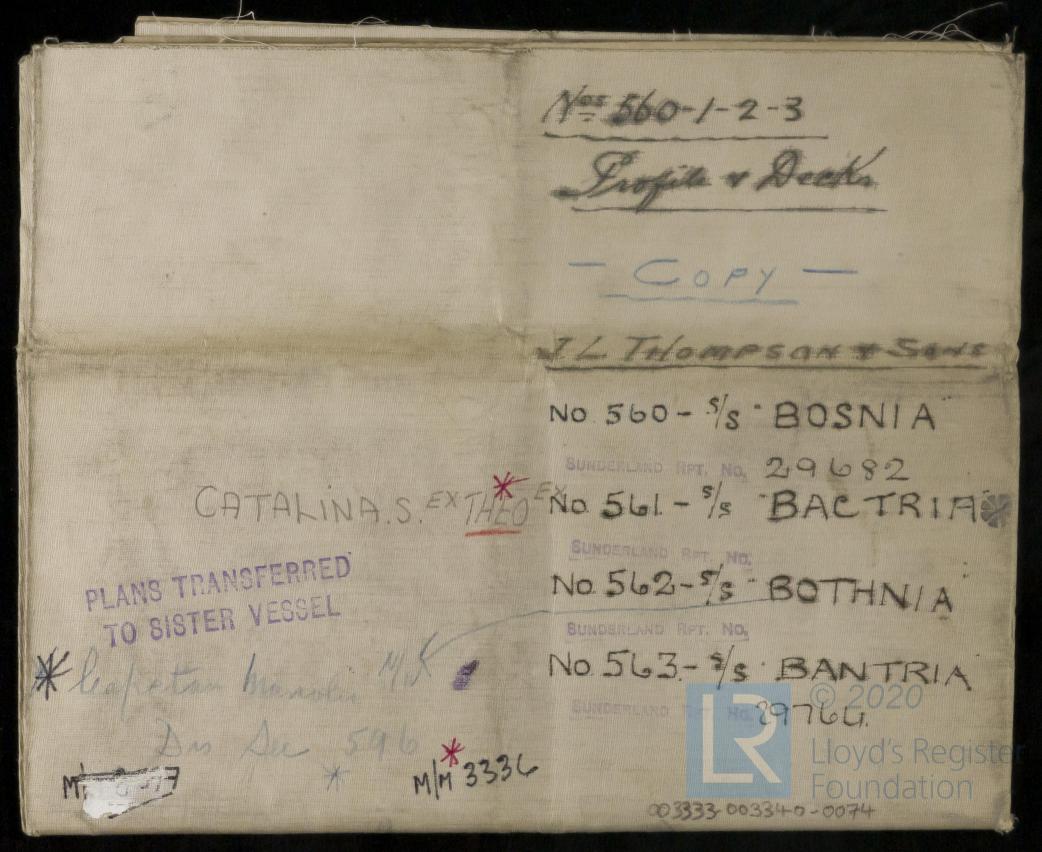
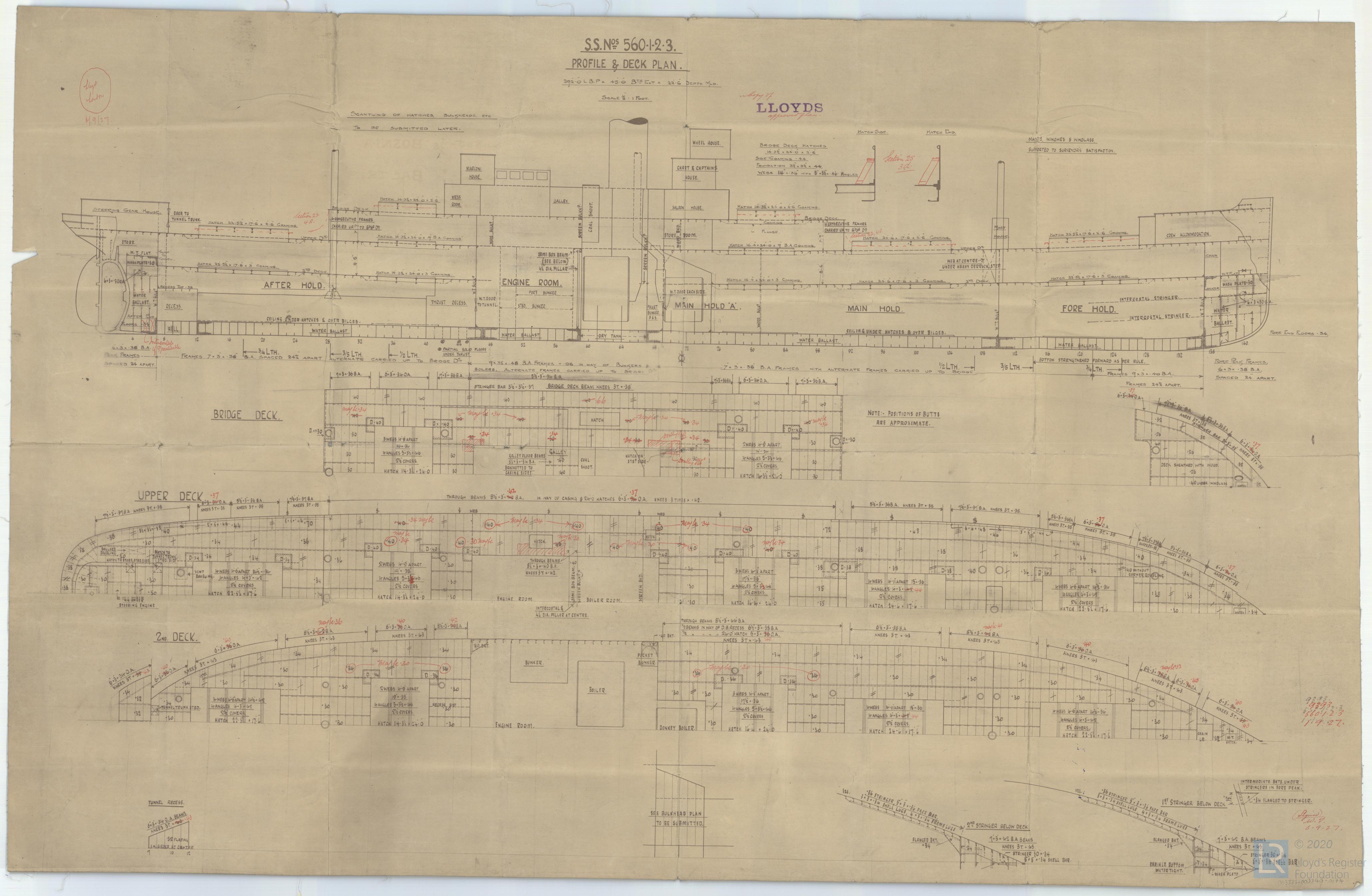
BOSNIA





S-underland.

J. Z. Thompson & Sons.

Frofile & Decks.

- hosbo.
s.s. BOSNIA".

(-as built).



SUNDERLAND RPT. No. 29682

Lloyd's Registe

598 ndation

S.S. BOSNIA". 292.0 L.B.P x 45.0 BTH Ext x 22.6 DEPTH MLD. SCALE & : 1 FOOT. SCANTLING OF HATCHES, BULKHEADS, ETC HATCH END. HATCH SIDE. MASTS, WINCHES & WINDLASS, HAS BEEN SUBMITTED. WHEEL HOUSE. Supported to surveyor's satisfaction. BRIDGE DECK HATCHES SECTION 25, 3d. SIDE COAMING . 44 FOUNDATION 35 x 35 x 44 CHART & CAPTAINS WEBS 14" x 34" WITH 5" x 35" x . 46 ANGLES HOUSE. HATCH 14:35×24:0×2:6 HATCH 14-35 × 24 0 × 2-6 COAMING. SALOON HOUSE. STEERING GEAR HOUSE. | DOOR TO SECTION 22 4.A. " CONSECUTIVE FRAMES SECTION 22, 4A. HATCH 22.53 x 17.6 x 2.6 COAMING. CARRIED UP 0 TO BOSE DE TUNNEL TRUNK. HATCH 22-52 x 17-6 x 2-6 COAMING. HATCH 24.6 x 17.6 x 2.6 COAMING. HATCH 16.4×24.0×9 B.A. GOAMING. HATCH 4.35 x 24.0 x 9 B.A. COAMING. SEMI BOX BEAM 7 1 (SEE BELOW)
HA DIA. PILLAR - 3 WEB AT CENTRE TO UNDER HEAVY DERRUCK STEP. W. T. FLAT. HATCH 22:5% x 17-6 x 3 COAMING. ENGINE POOM. FORE HOLD. 6. 3 x 30 QA. STIFF HOLD: 6.3.30 O.A. STIRES. PORT BUNKER. AFTER END MAIN HOLD A. MAIN HOLD. -KINTERCOSTAL STRINGER. FLOORS 34 FORE END FLOORS . 34. CEILING ORDER HATCHES & OVER BILGES. CEILING UNDER NATCHES & OVER BILGES. 116 120 124 128

BOTTOM STRENGTHENED FORWARD AS PER RULE. Fore Pay Frames. PARTIAL SOLID PLOORS
UNDER THRUST 6×3×-38 B.A. 6×3× ·38 B.A. 7 × 3 × 36 B.A. FRAMES WITH ALTERNATE FRAMES CARRIED UP TO BRIDGE PEAK FRAMES ----SPACED 24 APART. SPACED 24 APART. FRAMES 24% APART. 7.3-36BAK 6-3-340.A. BRIDGE DECK BEAM KNEES 3T. + 38 STRINGER BAR 34 - 34 - 37 BRIDGE DECK. HATCH 14 × 31 + 140 DECK SHEATHED WITH WOOD GALLEY FLOOR BEAMS

51 + 3 + 3 + B.A.

BRACKETTED TO

CASING SIDES.

GALLEY.

SHOOT. .HOUNDER WINDLASS HATCH 32 UPPER DECK

5 4 - 3 7 0.A. 5 4 - 3 - 36 8.A.

KNEES 3 T - 38 KNEES 3 T - 38 THROUGH BEAMS 8% +3 + 12 84. IN WAY OF CASING & 24'0 HATCHES 6+3 +34 0.A. KNEES & TIMES + + 12. 5% - 3 - 368.A. KHEES 3T. - 38 THROUGH BEAMS? 81 - 3 + 140 B.A. KNEES 3 T. + 142. 3 WEBS H- 1 APART VENT HWEBS HOAPART 142 - 34
BOUBLING. HANGLES HAZ - HQ

RE COVERS

HATCH 21.51 - 17.6 #WEBS #6 APART, 14 2 - 31

#ANGLES # 3 - 142

21/2 COVERS

HATCH 12 - 51 + 17 - 6 HANCLES 5-35 HO Hangles H-3-- HA | HATCH | 24-6 x | 17-6 BOILER ROOM. STEERING ENGINE. INTERCOSTAL & TO HE DILLAR AT CENTRE. THROUGH BEAMS 84.3. HH B.A. 6'2 + 3" + 38 B.A. 8½ · 3 · · HO B.A.

KNEES 3T · · H3 28EAMS IN WAY OF D.B.RECESS 62.3.38B.A
2 24.0 HATCH 6.3.40 O.A.
KNEES 3T * 1.3. 6×3·400.A. + 8/2-3·428.A. KNEES 3T. x . H3 KNEES 3T. + 43 2NO. DECK. PORT SIDE
BUNKER.

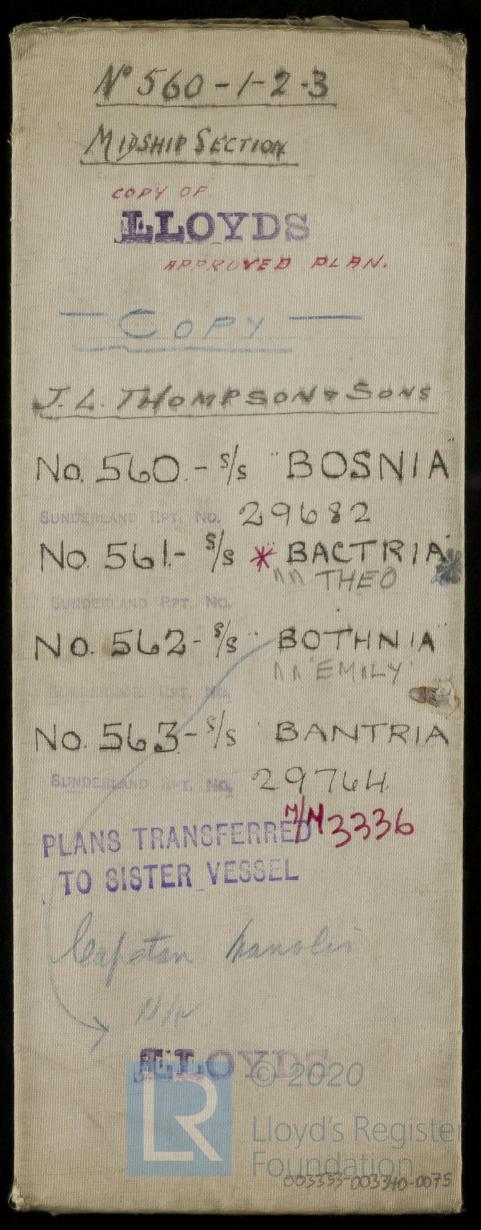
LAT TANK TOP
TO 11: 0" ABOVE. LATU. OKT BOILER 17/2 1.36 HWEBS H-IIAPART 15 *- 36 HWEBS HO APART IN 2 3H HANGLES 5-3'2 - 46 HANGLES 5-3/2 - HO Q/2 COYERS. HANGLES H-3 - HH Q'2 COVERS. #ANGLES # * 3 * - 1 * 17 .

17 CM 21 · 51 * 17 . HATCH 14-6 X17.6 Engine Room. INTERMEDIATE .BKTS.UNDER
STRINGERS IN FORE PEAK. 15T STRINGER BELOW DECK - 3H FLANGED TO STRINGER. TUNNEL RECESS. SEE BULKHEAD PLAN 2 2 STRINGER BELOW DECK. 7 3 4 42 B.A. BEAMS

KNEES 3T. 4 45 1.3.4.42 B.A. BEAMS KNEES 3T. * .45.

STRINGER 30 * .34

5.5 * .34 SHELL BAR. -32 PLATING INGIRDER AT CENTRE 7 10 12 Nº 560. EMAINLE BOTTOM TWASH PLATE.



- MIDSHIP SECTION. NUMERALS. PRINCIPAL DIMENSIONS. 5.5.Nº5560.1.2.3. D. 22.5 d.11.12 Lioyals LENGTH B.P. D=L = (22.5 x 292) = 6570. Blamps BREADTH EXTREME 45.0. LLOYDS 100 A.I.CLASS. (B+D) *L · (4475+225) *292 : 19637. 44.9. MOULDED. ERECTIONS . 55% OF L scale 1/2 - 1 Foot. DEPTH MLD UPPER DK. 22.6. LLOYDS DEPTHS TO LENGTH (UPPER DK.): 12.98. EQUIPMENT NUMERALS. " " (BRIDGE "): 9.65. (B+0)xL : 19637. Corrected to Lloyds. BRIDGE 128-62 x 7.75 x .75 1 748. 187. BRIDGE STRINGER HO . 4- OTREBLE RIV. OVERLAPS SEE DECK PLAN FORECASTLE 32.33 . 7.75 . 75 , 268. CASING ETC 1/45 × 9.5 × 5 29 x 32 SINGLE " BRIDGE DECK PLATING (40) 30 WITHIN LINE OF DECK OPENINGS, DOUBLE RIV. OVERLAPS. EQUIPMENT Nº 20840. 26, SINGLE RIY OVERLAPS. SHEATHED WITH WOOD. BRIDGE DECK STRINGER BAR 34-34-37. 54.3 · 34. B.A. BRIDGE DECK 440 6-34-40 bug. BULWARK 26 6834 BULB, OR 54 34 34 B.A. -6.3 -50 RUNNER BAR 3.3.30 57183 12 BEAMS AS PER PROPILE & DECK PLAN! BRIDGE SIDE PLATING .48. AT EACH STRY THROUGH REAMS 7.3 x 36 B.A. TREBLE RIV. OVERLAPS. THROUGH BEAM KNEES 38. PILLARS ON ALTERNATE BEAMS, REELED; 2 5/8 DIA. OR 7 3/2 " 3/2" 38 CHANNEL FOLE SIDE PLATING . 37, SINGLE RN. SEAMS 5, 3/4 RIVETS. HATCH END PILLARS AS PER SEPARATE PLAN. & OVERLAPS. * BAWEB WITH BFLANGE ON FACE OVER BULKHEADS 46869. UPPER DECK PLATING 38 TO 30, HOW BRIDGE, AS PER DECK PLAN 3/4×3/4×36 SINGLE ANGLE TO DECK. S SINGLE RIY SEAMS THROUGH BEAM KNEES 35 TO 30 WITHIN LINE OF DECK OPENINGS, 30 IN BRIDGE. STERN FRAME · 9×5/2 EXCEPT FOR 4 224 "38, 5, 7/8 RIVETS. RUDDER POST WPPER DK STRINGER HB FRONT WITHIN BRIDGE, : 8 . 5/2 DOUBLE RIV. OVERLAPS FOR "LLTH, SINGLE AT ENDS. FRAME SPACES TO 35 " 38 AT ENDS, (40) NOER ERECTIONS. PLATING INCREASED IN WAY OF WIDE CASING, AND S AT ENDS OF RUDDER - O'S TONAGRETHING OH INCREASED 50% AT BRIDGE ENDS. (SEE DECK AVAN) 24.0 HATCHES, AS PER DECK PLAN. BRIDGE . -TREBLE RIV. OVERLAPS FOR " LATH. PLAN OF RUDDER TO BE SUBMITTED. 6+312×40649. DOUBLE AT ENDS, AND IN BRIDGE. STRINGER BAR 34 34 36 TO 34 UNDER ERECTIONS UPPER DECK 446 - W6 = 35 = 40 LUG. 6.6" 48 IN WELLS 70 12 LTH INNER STRINGER BAR UNDER ERECTIONS 3:34 34 16:3.50 V-184/7 RUNNER BAR. A BEAMS AS PER PAOFILE & DECK PLAN. SHEERSTRAKE . 67 TO . 40, . 49 IN WAY OF BRIDGE, THROUGH BEAM KYEES THROUGH BEAMS CLEAR OF BRIDGE The 3 - 37 B.A. KNEES 22/2 - 38, 5, 18 RIVS. INCREASED 50% AT BRIDGE ENDS. TREBLE IN WAY OF BRIDGE '42 PILLARS ON ALTERNATE BEAMS, REELEO: . " IN WAY . . 8 2 3 - 40 . . 25 2 - 42, 6. 18 RIVS. RIV. OVERLAPS, QUADRUPLE WHERE PLATING OVER 60. 6, 18 RIVETS: CLEAR OF BRIDGE 234DIA. OR 7:32-32-40 CHANNEL. DOUBLE AT ENDS WHERE 42 AND UNDER. IN WAY " " 3 8 DIA. OR 8 "3 4 3 4 3 4 4 4 STRAKE BELOW SHEER STRAKE . 58 TO . 40, '49 IN WAY OF BRIDGE, TREBLE RIV. OVERLAPS. DOUBLE AT ENDS 2 NO DECK STRINGER 34. 24 DECK PLATING 30 INCREASED IN WAY OF WHERE PLATING 42 AND UNDER. 240 HATCHES, AS PER DECK PLAN, TO (34) May 46.30. DOUBLE RIV. OVERLAPS. STRINGER BAR 34 34 36 TO 34. DOUBLE RIV. OVERLAPS FOR 'A LTH, SINGLE AT ENDS. INNER STRINGER BAR 3 . 3 . 34. 104-16-3/2×406UG. 2 NO DECK 44.9 SIDE SHELL . 4910 . 40 TREBLE RIV. OVERLAPS 6-3- SORUNNER BAR. 2 BEAMS AS PER PROFILE & DECK PLAN. DOUBLE AT ENDS, WHERE '42 AND UNDER PILLARS ON ALTERNATE BEAMS, REELEO. THROUGH BERNIS 8'2"3" 44 8.A. & AS PER DECK PLAN. THROUGH BEAM KNEES 43. CLEAR OF BRIDGE !-6. BRIVETS. 120 . 3 8 DIA. OR 7 . 3 2 . 44 DOUBLE CHANNELS. 140 .44 . - " " " 46 " 160 4/2 48 IN WAY OF TUNNEL 5.0, 8 -3/2 -3/2 - 44 SINGLE CHANNEL. MAIN FRAMES 7×3×368A. 242APART. IN WAY OF BRIDGE :-TO UPPER & BRIDGE DECKS ALTERNATELY. 12.0 "42019. OR 7 34 "34" 48 DOUBLE CHANNELS. 4 CONSECUTIVE FRAMES AT BRIDGE ENDS TO BE CARRIED UP. IN WAY OF TUNNEL 8-32+34+50 SINGLE " 9.34 48 B.A. IN ENG. SPACE + OF IN WAY OF BOILERS & BUNKERS. HATCH END PILLARS, AS PER SEPARATE PLAN. 9.3 . 40 B.A. FRAMES FOR ! 182 TO 134 FRAMES PEAK FRAMES 6x3x38 B.A. 24 APART. TRNK TOP CENTRE STRAKE 46 x 42 TO 36, 828.5. DOUBLE RIVETED OVERLAPS. THAK TOP PLATING 36 TO 34, 42 E.S. 52 B.S. BOSS PLATING 55 MARGIN PLATE 40, SOIN B.S. DOUBLE RIV. OVERLARS DOUBLE RIV. OVERLAPS 1/2 LTH SINGLE AT ENDS. CENTRE GIRDER 36" 46 TO 38, 56 8.5. B.O.Ts. 53% . 36, 39IN ENG SPACE, 49IN B.S. " CONN 3 . 3 . 34 SINGLE . 44 B.S. G. 4 RIVS. TIX MACHINERY SPACE. FLOORS 32 WITH STIFFS AS SHEWN, 428.5. TREBLE RIVETED OVERLAPS. GUSSETS EVERY 5th FRAME, 4, 4 RIVS. EVERY 4th FOR? (SEE SKETCH.) C.GIRDER TOP BAKS 3.3 "42 TO 40 . 528.5. GIRDER 34 . 44 B.S. 349 " W MACHINERY SPACE, 6. 4 RIVS. " " BOTTOM . 3/2"3/2":48 TO:46. CEILING UNDER HATCHES, AND OVER BILGES. " " VERTICALS 3"3"-34, 448.5. 5"5"-40 TANK TOP SEAMS SINGLE RIVETED \$ 13 3 34 4 RIVS 649 3/2 3/2 4-40-- LUG 5 . 3/2 . 40 UNDER ENGINES, THRUST BLOCK & BOILER BEARERS, ZRIVETS. 3-3-34, 448,5 BOUBLE UNDER ENGINES - ADDITIONAL GIRDEN UNDER ENGINES & THRUST BLOCK, THRUST BLOCK & BOILDE BENRERS WITH DOUBLE ANGLES TO TANK TOP. 10 -3:3"-34 如水片 MANHOLES ARRANGED CLEAR 1 3/4 RIVS SOIAS APART OF GIRORR UNDER ENGINES. 3.3.34. BOTTOM SHELL 49 TO 41 TREBLE RIV. OVERLAPS, KEEL 45'2 " 6270 57 BINGE KEEM: 3 STRAKES NEXT KEEL TO HAVE MIDSHIP THICKNESS BULB, 8 - 40. MAINTAINED FORWARD TO COLLISION BULKHEAD. ANGLE, 4"4" HH FLOORS EVERY 3 PRAME, EVERY FRAME UNDER ENGINES, & FORWARD OF 3/5 LTM. FRAMES 122 TO 134 INTERNIE PATE BRACKET FLOOR. B.O.T. & QUESET CONNECTION INCHERSED 50% GUSSETS EVERY 4TH FRAME. 9 103 6:3:368.4 468.5 " GUSSET, GRIVS. 9392. \$23/4 RIVS. SDIAS APART. (0 000, 0 00 00 2) 18×12 6-3-36BA 46B.5-GIRDER . 34 -5×5×34 *44 8.5. 6:33×44 8.A. 5+8.5

Sunderland.
J. Z. Thompson & Sons.

Midship Section.

- 20560.

3.3. BOSNIA.

(-as built.)



BUNDERSAND RAT. No 29682.



Lloyd's Register
w560- on Foundation

PRINCIPAL DIMENSIONS. NUMERALS. S.S. BOSNIA. D: 22.5 d.11.12 = 292.0. LENGTH B.P. BREADTH EXTREME. : 45.0. D=4 = (22.5x292) = 6570. LLOYDS 100 A.I.CLASS. " MOULDED : 44.9. (B+0) *L · (44.75+22.5) *292 = 19637. scale 1/2 - I Foot. DEPTH MLD UPPER DK. : 22.6. ERECTIONS . 55% of L DEPTHS TO LENGTH (UPPER DK.) : 12.98. EQUIPMENT NUMERALS. " " (BRIDGE "): 9.65. (B+0)×4 : 19637. BRIDGE 128.62 × 7.75 × 75 . 748. BRIDGE STRINGER HO .. HOTREBLE RIV. OVERLAPS. SEE DECK PLAN. FORECASTLE 28.25 . 7.75 . 164. CASING ETC 1145 . 7.5 . . 268. FCLE . 29 * 32 SINGLE . . SEE DECK PLAN BRIDGE DECK PLATING 34 30 WITHIN LINE OF DECK OPENINGS, DOUBLE RIV. OVERLAPS, EQUIPMENT Nº 20,817. FORECASTLE " " 26, SINGLE RIY OVERLAPS. SHEATHED WITH WOOD. BRIDGE DECK STRINGER BAR 31/2 . 31/2 . 37. BRIDGE DECK 44.0 6 0 6 6 3/2 × 40 LUG. -6x3x.50 RUNNER BAR BRIDGE SIDE PLATING .48. 12 BEAMS AS PER PROFILE & DECK PLAN. TREBLE RIV. OVERLAPS. THROUGH BEAM KNEES :38. THROUGH BEAMS 7.3 x 36 B.A. PILLARS ON ALTERNATE BEAMS, REELED; FELE SIDE PLATING . 37, SINGLE RN. SEAMS 7 + 3 12 + 3 12 + 38 CHANNEL 5, 3/4 RIVETS. HATCH END PILLARS AS PER SEPARATE PLAN. + 34 WEB WITH 3 FLANGE ON FACE OVER BULKHEADS H6 \$ 69. 3'4+3'4+36 SINGLE ANGLE TO DECK. UPPER DECK PLATING 38 TO 30, AS PER DECK PLAN SINGLE RIV SEAM THROUGH BEAM KNEES STERN FRAME . 9.5/2 35 TO 30 WITHIN LINE OF DECK OPENINGS, "30 IN BRIDGE. 22/2 - 38, 5, 1/8 RIVETS. EXCEPT FOR 4 WPPER DK STRINGER HB FROM WITHIN BRIDGE, RUDDER POST : 8 . 54 DOUBLE RIV. OVERLAPS FOR "ALTA, SINGLE AT ENDS. FRAME SPACES TO 35 - 38 AT ENDS :34 UNDER ERECTIONS. PLATING INCREASED IN WAY OF G AT ENDS OF RUDDER . 634 + ONNERS 14 . 7 DIA. INCREASED 50% AT BRIDGE ENDS. (SEE DECK PLAN) 240" HATCHES, AS PER DECK PLAN. BRIDGE. -TREBLE RIV. OVERLAPS FOR "A LTH. PLAN OF RUDDER SUBMITTED. DOUBLE AT ENDS, AND IN BRIDGE. -6.3/2.40 LUG. DECK JOGGLED IN WAY OF BRIDGE ONLY. STRINGER BAR 34 34 36 TO 34 UNDER ERECTIONS IPPER DECK 446" 6-32-40 LUG 6.6.48" IN WELLS TOTALTE II CROP INNER STRINGER BAR UNDER ERECTIONS 3-34-34-34 16x3x.50. "A BEAMS AS PER PROFILE & DECK PLAN. RUNNER BAR. SHEERSTRAKE '67 TO . 40, . 49 IN WAY OF BRIDGE, THROUGH BEAM KNEES THROUGH BEAMS CLEAR OF BRIDGE T'A . 3 . 37 B.A. KNEES 22'2 . 38, 5, 18 RIVS. INCREASED 50% AT BRIDGE ENDS. TREBLE IN WAY OF BRIDGE '42 -PILLARS ON ALTERNATE BEAMS, REELED; RIV. OVERLAPS, QUADRUPLE WHERE PLATING OVER 60. . " IN WAY " " 8'2 " 3 ". 42" " . 25'2" ". 42, 6. 18 RIVS. 6, 18 RIVETS: CLEAR OF BRIDGE = 7.32.32.40 CHANNEL. DOUBLE AT ENDS WHERE 42 AND UNDER. 8 32 32 1.44 " IN WAY " " = HATCH END PILLARS AS PER SEPARATE PLAN. STRAKE BELOW SHEER STRAKE . 58 TO . 40, '49 IN WAY OF BRIDGE, TREBLE RIV. OVERLAPS. DOUBLE AT ENDS 2 DECK STRINGER '34, 2 DECK PLATING .30 WHERE PLATING 42 AND UNDER. DOUBLE RIV. OVERLAPS. STRINGER BAR 34 34 36 TO 34, DOUBLE RIV. OVERLAPS FOR 'A LTH, SINGLE AT ENDS. INNER STRINGER BAR 3"3".34". 6.31/2 . 40 LUG. 200 DECK 44.9 " I CROP SIDE SHELL .49 TO .40 TREBLE RIV. OVERLAPS 6-3-50 RUNNER BAR. 12 BEAMS AS PER PROFILE & DECK PLAN. DOUBLE AT ENDS, WHERE '42 AND UNDER. PILLARS ON ALTERNATE BEAMS, REELEO. THROUGH BEAMS 8'4"3" + 44 B.A. & AS PER DECK PLAN. THROUGH BERNI KNEES 43. CLEAR OF BRIDGE: 6. 18 RIVETS. mi 2' - 2/ DOUBLE CHANNELS 16:0 = " " 50. . " MAIN FRAMES 7.3.36 B.A. 242 APART. IN WAY OF BRIDGE :-TO UPPER & BRIDGE DECKS PLTERNATELY. 7-3/4 - 3/4 - 48 DOUBLE CHANNELS. 4 CONSECUTIVE PRAMES AT BRIDGE ENDS TO BE CARRIED UP. IN WAY OF TUNNEL + STEEL C.L. BY 30, 6-3-30, O.A. STIFFS. 9.34 . 48 B.A.IN ENG. SPACE + OG IN WAY OF BOILERS & BUNKERS. HATCH END PILLARS, AS PER SEPARATE PLAN. 9.3 - 40 B.A. FRAMES FOR , 182 TO 134 FRAMES. PEAK FRAMES 6.3 . 38 B.A. 24 APART. TANK TOP CENTRE STRAKE 46 + 42 TO 36, DOUBLE RIVETED OVERLAPS. TANK TOP PLATING 3610:34, 42 E.S. 528.5. BOSS PLATING 55 MARIGIN PLATE 40, 50 IN B.S. DOUBLE RIV. OVERLAPS. CENTRE GIRDER 36" 46 TO 38, 56 B.S. DOUBLE RIY, OVERLAPS IZ LTH SINGLE AT ENDS. B.O.Tis. 53' " 36, 39IN ENG SPACE, 49IN B.S. " CONN. 3-3-34 SINGLE, 44 B.S. G. 34 RIVS. 7 IN MACHINERY SPACE. FLOORS . 32 WITH STIFFS AS SHEWN , .428.5. . 368 S TREBLE RIVETED OVERLARS. GUSSETS EVERY 5th FRAME, 4, 14 RIVS. EVERY 4th FOR! (SEE SKETCH.) C. GIRDER TOP BARS 3.3. 42 TO:40, 528.5. GIRDER . 34 . 44 8.5. . 36 E.S. STIFFS ON TANK DIVISIONS 3:3:34 CRILING UNDER HATCHES, AND OVER BILGES. " " ВОТТОМ " За"З" "48 то:46. . . VERTICALS 3"3".34, 448.5. 5"5".40 13.3.34, HRIVS. IN MONY SPACE & AT FORE END. 3.3.34.34 449 3/2×3/2×40. LUG 5 " 3/2" 40 UNDER ENGINES, THRUST BLOCK & BOILER BEARERS. GRNS. 3.3.34, 448.5. POUBLE UNDER ENGINES, "UNDER ENGINES & THRUST BLOCK, E ANGLES TO TANK TOP. 24 15 () .44 IN B.5 \$ 3/4 RIVS. SOIRS APART. 13:3:34 N 5:5: 34 FORWARD OF OF GIRDER UNDER ENGINES. KEEL 45% x 62 TO .57. BOTTOM SHELL '49 TO '41 TREBLE RIV. OVERLAPS. BILGE KEEL:-3 STRAKES NEXT KEEL TO HAVE MIDSHIP THICKNESS BULB, 8" .40. MAINTAINED FORWARD TO COLLISION BULKHEAD. ANGLE, 4+4.4. PLOORS EVERY 30 FRAME, EVERY FRAME UNDER ENGINES, & FORWARD OF 3/5 LTM. FRAMES 122 TO 134 B.O.T. & GUSSET CONNECTION INCREASED 50%. INTERNEDIATE BRACKET FLOOR. GUSSETS EVERY HTH FRAME. 6.3.368.7. 468.5 - GUSSET, GRIVS. 6-0_ 23/4 RIVS SOME APART. 6 . 0. 0 m 0 k 0 . 9 1 6-3-36BA 46B.S. GIRDER 34 5 5 × 34 44 8.5. ______ 6:312 x 44 B.A. 54 B.S. 5-3-34

№560.

MIDSHIP SECTION.

Lloyd's Reg Foundation

Sunderland, J. L. Thompson & Som Nos 560-1-2-3. Sumping An angement. Nº 560-5.5. BOSNIA. SUNDERLAND RPT. No. 29682 Nº561-5.58 YBFICTRIA 1.562-S.S. BOTHNIA. Nº 563-55. BANTRIA SUNDED/ 11 PPT. No. 29764 COPY -PLANS TRANSFERRED TO SISTER VESSEL Capetan manoles M/M 8 597 008597-008607-9939510 Foundation

CELLULAR DOUBLE BOTTOM, FITTED RIGHT FORE 8 AFT ALL SUCTION PIPES IN TANKS TO BE OF CASTIRON, WITH FLANGED TOINTS SECURITY FASTENED. DIVIDED SECTIONALLY FOR WATER BALLAST, HAVING ALL THE NECESSARY PIPING & AND TO HAVE CASTIRON ROSEBOXES AT THE END OF THE PIPES VALVES SO ARRANGED THAT EACH COMPARTMENT MAY BE PUMPED OUT & FILLED INDEPENDENTLY S.S. Nº 560-1-283. AIR PIPES TO HAVE GOOSE NECK TOPS & SounDING PIPES TO HAVE BRASS DECK FIELDS NEGTEX FITTED INTO DECK, & CASED IN WITH WOOD IN THE HOLDS. SEALE = 18.1FT. 292 OLBP . 45' Q' BTH EXT . 22' 6 DTH MLD. FORE & AFTER PEAKS ARRANGED TO CARRY WATER BALAST DIRECT DONKEY SUCTION
TO LLOYDS REQUIREMENTS TO HAVE THE NECESSARY AIR & SOUNDING PIVES, & TO BE PUMPED 24" DIAM. SUCTION PIPE DIAM SUCTION A ROTARY HAND PUMP TO BE FITTED TO CHAIN LOCKER ROTARY HAND PUMP ON FOLE END. MAIN BILGE LINE NOT TO BE CHAIN LOCKER. WATERTIGHT BELOW 1 DK. LESS THAN 3% BORE. - VALVE WITH ROD TO DECK 22" DIMM SUCTION PIPE FORE PEAK SUCTION (31" DIAM. SUCTION PIPE 22 DIAM. 22 PEAK FLAT BRAIN TO CHAIN LR. P. 2 5. BILGE & BALLAST LINES TO BE SEPARATE & DISTINCT AS PER SECTION 34 CLAUSE 6 C. FORE PEAK THE NUMBER & CAPACITY OF THE POWER DRIVEN PUMPS CONNECTED TO THE MAIN BILGE LINE -24 DIAM. SUCTION PIPE. IN ENGINE & BOILER ROOMS. TO BE IN ACCORDANCE WITH SECTION 4 OF THE RULES FOR ENGINES AND BOILERS. FORE HOLD. 51' 0%" DOUBLING PLATES OR THEIR EQUIVALENT TO BE FITTED UNDER ALL SOUNDING PIPES. MAIN HOLD 83-8% AFTER HOLD. 69"5" RECESS FRONT TO ER BULKHD -SHORT SOUNDING PIPES IN MACHINERY SPACE TO BE PITTED WITH NON DETACHABLE SCREW MAIN TANK. 84'92" FORE TANK 51-0% CAPS AS PER SECTION 34. CLAUSE 11. BRANCH BILGE SUCTIONS IN THE MACHINERY SPACE TO BE LED THE REMAINING REQUIREMENTS OF SECTION 34 FROM MUD BOXES FITTED WITH STRAIGHT TAIL PIPES AS PER SECTION 34. CLAUSE 6 G. OF THE RULES (1924-28) TUBE ROMPLIED WITH. 06021-2-3

560-1-2.3. Rister Plan. Copy of LLOYDS approved plan. J. L. Thompron & Sons, NO. 560.- 3/s "BOSNIA" NO.561- BACTRIA NO.562-"BOTHNIA NO.563.- BANTRIA No. 29764. PLANS TRANSFERRED TO SISTER VESSEL Capetan NIN manulus & M)M85970 Lloyd's Registe 008597-008607-0031



2-11-27.

STERN FRAME.

S. S. Nº5 560-1-2-3.

LLOYDS

OUT

A. 74 x D. 2.71 = 200.5 } = 53" RULE DIA.

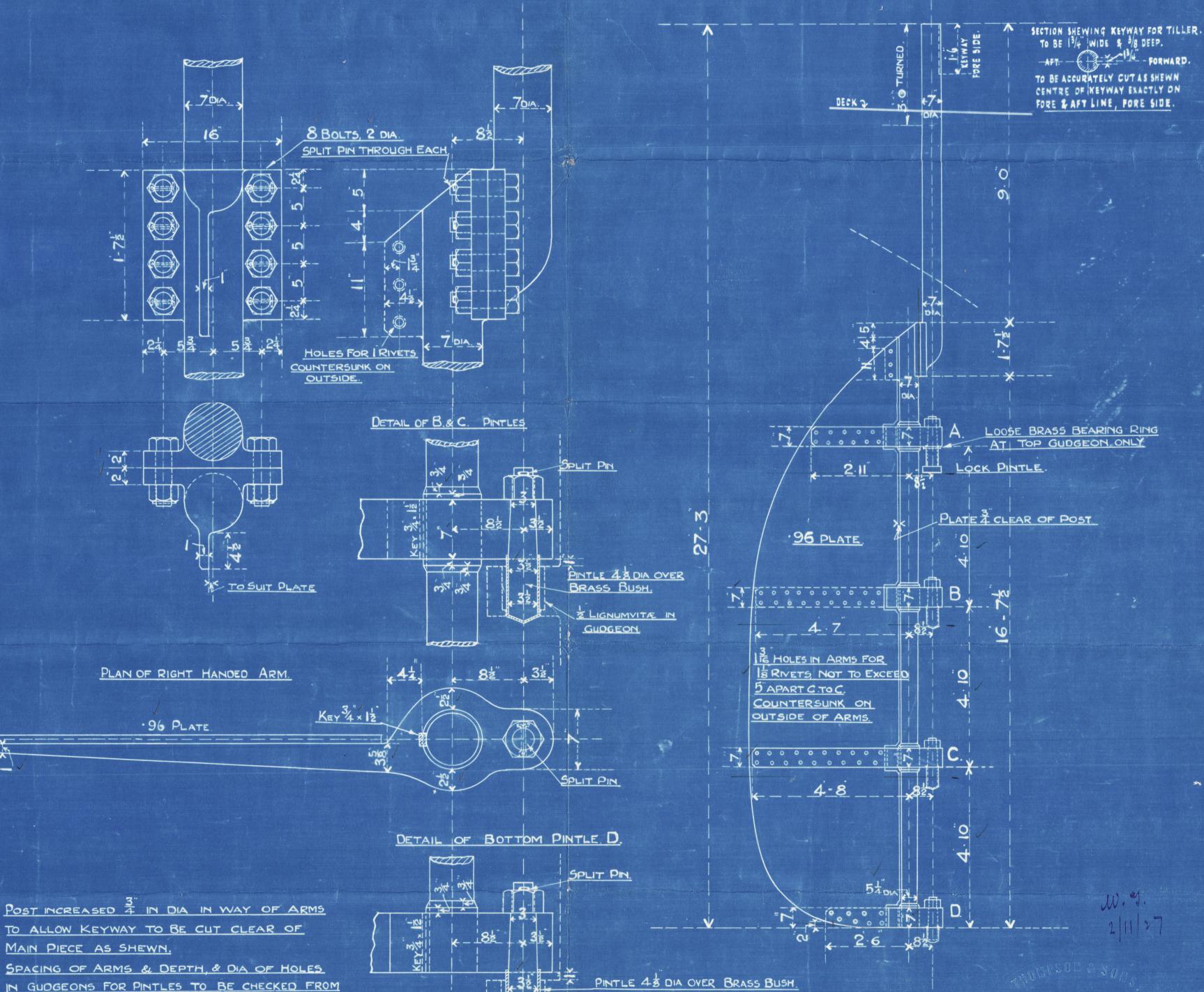
SPEED 11 KNOTS + 4 OWNERS = 7DIA.

INCREASE ON FORGING ONLY.

DETAIL OF COUPLING.

SCALE 12 = 1 FOOT.

RUDDER: SCALE 2 = I FOOT.



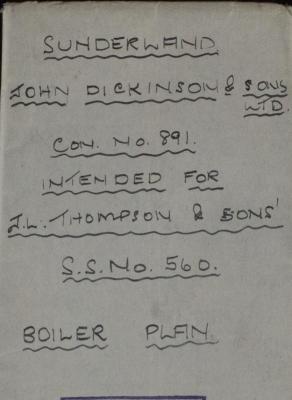
E LIGNUMVITAE IN GUDGEON.

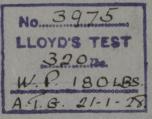
3/4 BRASS

HARD STEEL DISC

560:1.1.3

31.10.27





S. S. "BOSNIA"

SUNDERLAND RPT. NO. 29682

Lloyd's Register

LONGITUDINAL SEAMS FITTED WITH DOUBLE BUTT STRAPS.

STEEL BOILERS

TO LLOYDS REQUIREMENTS FOR A WORKING PRESSURE OF 180 LBS/0" TEST PRESS: 320 LBS/0"



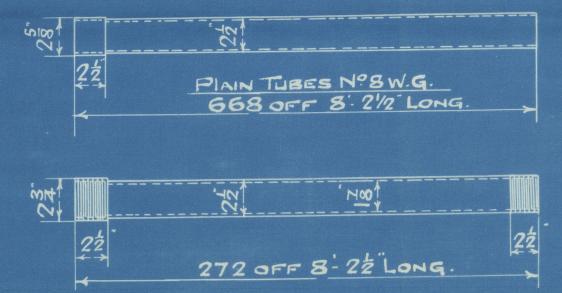
COMB: CHAM: LONGI! SEAMS SINGLE 15/16 2/2 2/2

		> 30	ALE :- UNE IN	ich. One foot.		
ENCINE					DATE	FURNACES
891	2 _{OFF}	MESSES	J. L. THOMPSO	on & Sons 5/s 560.	Aug: 2 NP/27	DEIGHTON"
892	2 0FF	14	DITTO	\$/s 561		
893	2 ₀ FF		DITTO	s/ ₅ 562	—n—	
894	20FF		DITTO	=/ ₅ 563.		
L		The state of the s		•		

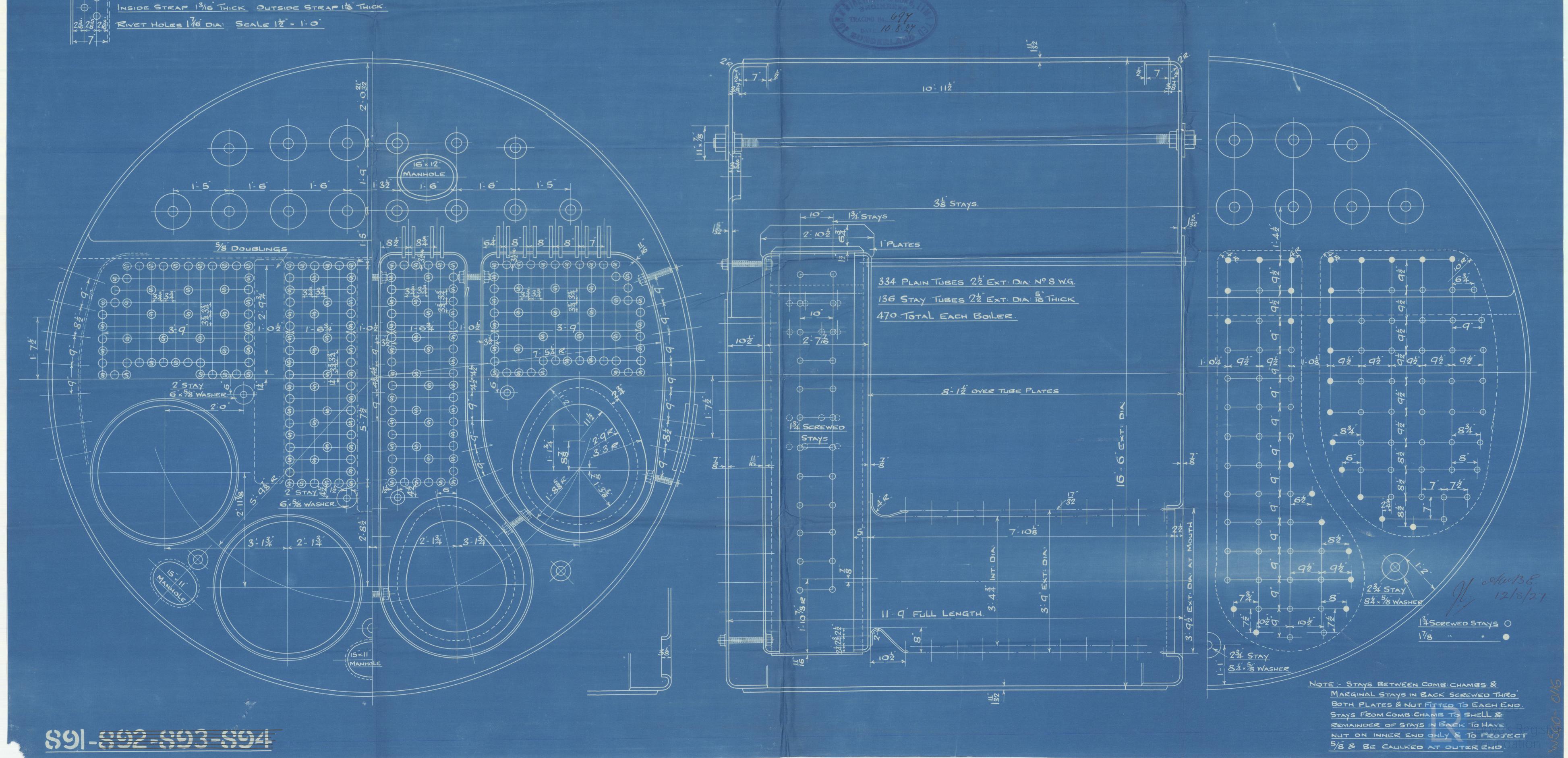
ALL PLATES, RIVETS, STAYS, & GIRDERS OF STEEL TUBES OF WROT IRON.

HEATING SURFACE IN TWO BOILERS.	E = 5944 F

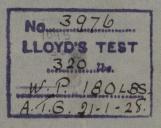
STAYS.								
Ténsile Tons/0°	DIA:	THOS	EFF: DIA:		Nº IN ONE BLR			
26	134"	9	1.608	2.03	278			
To 30	17/8	9	1.733	2.358	60			
28	2	6	1.786	2.507	4			
To	234	6	2.536	5· <i>05</i> 3	3			
32	31/8	6	2.911	6.658	8 14			



STAY TUBES \$ THICK SCREWED 9THOS/INCH. EFF: AREA : 1.605 SQ INCHES.



SUNDERLAND. A. DICKINSON & SONS LD. DONKEY BOINER NO. 1095 INTENDED FOR A. L. THOMPSON & SONS LD. S. S. No. 560



SUNDERLAND RPT. No. 29682

Lloyd's Register

